

62930 IEC131 防鼠光伏电缆

62930 IEC131 Solar Cable Anti-rodent



产品优点 Advantages:

- 辐照交联化合物
E - beam cross-linked compounds
- 抗紫外线和臭氧，耐水解
High resistance against UV ,ozone and hydrolyzation
- 耐高温，材料不会融化或流动
High temperature resistance , materials will not melt or flow
- 低温韧性
Flexibility under cold conditions
- 适用于所有的常用连接器
Applicable to all common connectors
- 使用寿命，90°C以下超过 25 年
Long usable life , expected usable life over 25 years (< 90°C)
- 用不锈钢包裹防止老鼠咀嚼
Wrapped in stainless steel to prevent rats from chewing

性能 Properties:

- 成品电缆耐电压：AC 6.5KV 5min, 不击穿
Voltage test of finished cable: AC 6.5KV 5min, No break
- 绝缘 / 护套抗张强度：≥ 8.0Mpa
Tensile Strength of Insulation/Jacket: ≥ 6.5Mpa
- 绝缘 / 护套断裂伸长率：≥ 125%
Elongation at Break of Insulation/Jacket: ≥ 125%
- 额定电压：DC 1500V /AC1000V
Rating voltage: DC 1500V /AC1000V
- 环境温度：-40°C ~90°C
Ambient temperature: -40°C ~90°C
- 最高线温：120°C
Max. conductor temperature: 120°C
- 绝缘颜色：全色系
Insulation Color: Optional color
- 护套颜色：全色系
Jacket Color: Optional color

应用 Application:

- 广泛用于光伏发电和太阳能系统，连接太阳能组件和电力元件，适用于室外极端环境。
It is widely used in photovoltaic power generation and solar energy systems to connect solar modules and electrical components, and is suitable for outdoor extreme environments.

截面积 Cross Section (mm ² /AWG)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C (Ω/km)	重量 weight (kg/km)
1.5	30/0.25	0.7	0.8	4.8	≤ 13.7	63
2.5	49/0.25	0.7	0.8	6.0	≤ 8.21	91
4	56/0.285	0.7	0.8	6.2	≤ 5.09	104
6	84/0.285	0.7	0.8	6.8	≤ 3.39	130
10	77/0.4	0.7	0.8	8.3	≤ 1.95	196
16	126/0.4	0.7	0.9	9.1	≤ 1.24	262
25	196/0.4	0.9	1	11.1	≤ 0.795	384
35	276/0.4	0.9	1.1	12.4	≤ 0.565	501